203956-2 ✔ ACTIVE

AMP | AMP M Series

TE Internal #: 203956-2

Housing, Plug, Cable-to-Cable / Cable-to-Panel, 36 Position, 5.08 mm [.2 in] Centerline, Wire & Cable, AMP M Series, Rectangular Power Connectors

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors







EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Cable-to-Cable, Cable-to-Panel**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Cable-to-Cable, Cable-to-Panel
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	36
Number of Power Positions	36
Number of Signal Positions	36
Number of Rows	4

Electrical Characteristics

Operating Voltage	250 VDC

Contact Features

Contact Current Rating (Max)	13 A
Contact Retention Within Housing	With
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	With
Contact Retention Type Within Housing	Locking Spring
Panel Mount Feature Type	Screw Mount
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	5.08 mm[.2 in]
Housing Color	Black
Housing Material	Phenolic GF

Dimensions

Product Width	19.81 mm[.78 in]
Product Length	23.34 mm[.919 in]
Connector Height	65.91 mm[2.595 in]
Wire Size	.05 – 2 mm^2
Row-to-Row Spacing	5.08 mm[.2 in]

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	70
Packaging Method	Carton

Product Compliance

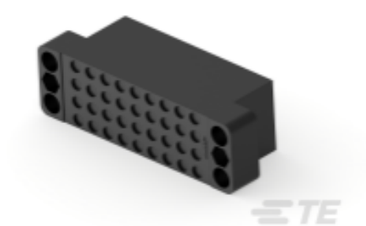
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

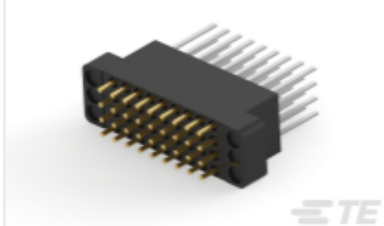
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

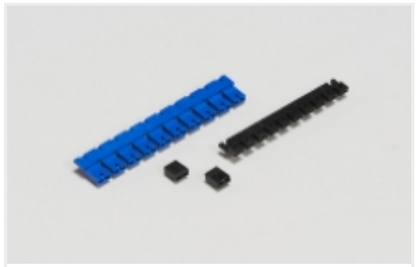


TE Part # 205076-2
36 POS. BLOCK AUTO-WIRE



TE Part # 205629-1
AUTOWIRE KIT,36 POS,31 X 62

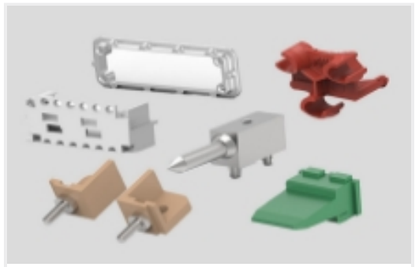
Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(5)



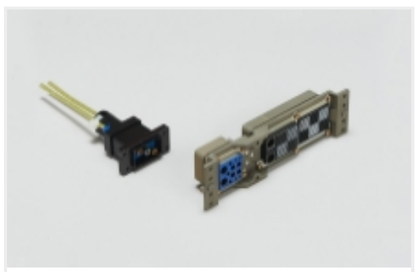
Connector Caps & Covers(11)



Connector Hardware(18)



Connector Strain Relief(11)



Rack & Panel Connectors(1)



Rectangular Power Connectors(55)

Customers Also Bought



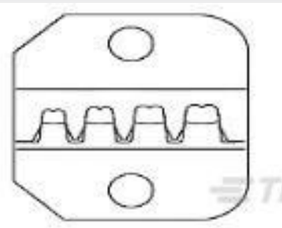
TE Part #320744
TERMINAL,SOLIS R 1/0 5/8



TE Part #66183-1
III+ SKT,SOLDER,30AU,10AU FLAS



TE Part #1-201046-2
SERIES "M" MIN RECT GUIDE PIN



TE Part #58423-1
DIE, RBY IS9252



TE Part #201047-2
SERIES "M" ST. STL. GUIDE SOC.



TE Part #1-200833-1
SERIES"M" GUIDE PIN ST. STL.



TE Part #1-200835-1
SERIES"M" MIN. RECT. GUIDE SOC



TE Part #201414-4
SERIES"M" JACK SCREW--FEMALE A



TE Part #201911-1
JACKSCREW KIT



TE Part #OC69271-FNF
OMNI,DBAND,FIXED,NF 698-960MHz, 1.5dBi

Documents

Product Drawings

BLOCK, SOCKET, 36 POS.

English

CAD Files

Customer View Model

ENG_CVM_CVM_203956-2_AB.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_203956-2_AB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_203956-2_AB.3d_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Agency Approvals

Agency Approval Document

English